

20040828.ba v03_n698.bam.20040828

>From ???@??? Sat Aug 28 16:16:20 2004 -0500
Message-Id: <200408282115.i7SLFqg3008912@sco.theporch.com>
Date: Sat, 28 Aug 2004 16:15:30 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3698

BOATANCHORS Digest 3698

Topics covered in this issue include:

- 1) Re: Simpson 630 etc.
by charlesmorris@direcway.com
- 2) Re: Screen voltage for "linear amp"
by "Sandy W5TVW" <ebjr@i-55.com>
- 3) Re: Screen voltage for "linear amp"
by "k4pf@juno.com" <k4pf@juno.com>
- 4) Military Radio Meet In Just 3 Weeks!!
by "navrad" <navrad@enter.net>
- 5) Re: Screen voltage for "linear amp"
by "Tom Rauch" <w8ji@contesting.com>
- 6) Re: [Milsurplus] Military Radio Meet In Just 3 Weeks!!
by David Stinson <arc5@ix.netcom.com>
- 7) Varieties of VTVM(ery)
by Michael N Hopkins <mnhopkins@juno.com>
- 8) Re: Screen voltage for "linear amp"
by Edward Knobloch <k4pf@juno.com>
- 9) Re: Screen voltage for "linear amp"
by "Tom Rauch" <w8ji@contesting.com>
- 10) Caps for sale
by Kim Herron <kherron@voyager.net>
- 11) Rewinding info needed.
by "Ken Hickman" <n5cm@rtconline.com>
- 12) Re: Rewinding info needed.
by "Al Parker" <anchor@ec.rr.com>
- 13) Re: Rewinding info needed.
by stuck in 50s <polepeeg@ba-watch.org>
- 14) Re: Rewinding info needed.
by "Al Parker" <anchor@ec.rr.com>
- 15) Re: [Boatanchors] Hammarlund HQ-129-X
by Al Klase <skywaves@webex.net>
- 16) Re: [Boatanchors] Test Equipment Recommendation
by wb3fau@att.net
- 17) ADMINISTRIVIA: Posting Admin Requests
by listown@nanniandjack.com (Mail List Owner)
- 18) Pots Needed

by Jim Allen <imaham@sbcglobal.net>
19) Re: silver tarnish
by "Benjamin D. Hall" <kd5byb@earthlink.net>

Date: Fri, 27 Aug 2004 08:56:02 -0400
From: charlesmorris@direcway.com
Subject: Re: Simpson 630 etc.
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <6e746a6ea946.6ea9466e746a@direcway.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-language: en
Content-transfer-encoding: 7BIT
Content-disposition: inline

>What I like the most is the 10A DC scale-great for measuring the condition of
>alkaline and rechargeable NICADS and NiMHs-1.2 to 1.6 volt cells;

I have been doing the same thing for 30+ years with the 12A range on the
Triplett :)

A very effective test, but must be done very quickly...

>Remember when an Eveready D cell (carbon-zinc) was a nickel? I do. And Bell
>batteries (dry cells) were a quarter?
>Herb Rosenthal W5AN

Before my time... but I'll bet that your salary was \$30 a week back then, too.
Wonder what a battery cost then if adjusted to today's dollars?

-Charles
WB3JOK

Message-ID: <005d01c48c36\$d5c078e0\$aaca1cdd1@s0023531634>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Screen voltage for "linear amp"
Date: Fri, 27 Aug 2004 08:07:07 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim,

For more info on this circuit, you might do a search. This is a permutation
of
the G2DAF amplifier circuit. Quite interesting and neglected here in the US!

Been thinking of playing with it IF I ever have the time again.
An explanation of the circuit also can be found starting on page 10.62 of
The RSGB Handbook-Fourth Edition.

73,

Sandy W5TVW

----- Original Message -----

From: "James C. Garland" <4cx250b@muohio.edu>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Friday, August 27, 2004 7:44 AM

Subject: Screen voltage for "linear amp"

| Gang,

| I came across an interesting circuit (
| <http://homepage.tinet.ie/~ei9gq/amp.html>) for a tetrode linear amp that
| derives its screen voltage by rectifying (with a voltage doubler) the RF
| drive. Anybody have experience with this kind of circuit? Seems like it
| might be okay for a CW amp, but I'd think the linearity wouldn't be good
| enough for SSB. Is it an old technique that I've just missed?

| 73,

| Jim Garland W8ZR

|
|

Mime-Version: 1.0

From: "k4pf@juno.com" <k4pf@juno.com>

Date: Fri, 27 Aug 2004 13:26:04 GMT

To: Old Tube Radios <boatanchors@theporch.com>

Cc: boatanchors@theporch.com

Subject: Re: Screen voltage for "linear amp"

Content-Type: text/plain

Message-Id: <20040827.062632.25202.546212@webmail22.lax.untld.com>

-- "James C. Garland" <4cx250b@muohio.edu> wrote:

>Gang,

>I came across an interesting circuit (
><http://homepage.tinet.ie/~ei9gq/amp.html>) for a tetrode linear amp that
>derives its screen voltage by rectifying (with a voltage doubler) the RF
>drive. Anybody have experience with this kind of circuit? Seems like it
>might be okay for a CW amp, but I'd think the linearity wouldn't be good
>enough for SSB. Is it an old technique that I've just missed?

>73,

>Jim Garland W8ZR

Hi, Jim

The G2DAF linear was written up in the RSGB Bulletin,
April 1963. Here is a link to the article:
<http://www.ifwtech.co.uk/g3sek/misc/g2daf-1963.pdf>

G2DAF didn't use a transmission line transformer at the input,
his exciter could match the 300 Ohm grid resistor.
The article describes a successful linear using a pair of 4-125A's,
and has a brief discussion of an experimental version
using a pair of 4X150A's.

73,
Ed Knobloch

Message-ID: <007c01c48c37\$fc2fd6a0\$6b90c1d8@u4r3m2>
From: "navrad" <navrad@enter.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Military Radio Meet In Just 3 Weeks!!
Date: Fri, 27 Aug 2004 09:15:54 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Just a reminder to all that can attend!
The MRCA (Military Radio Collector's Association) will hold its 4th annual
meet on Friday & Saturday September 17 & 18 at the West End
Fairgrounds in Gilbert, Pa. Again we will hold it along with the Red Ball
Military Vehicle Show & Swapmeet. This is a very large vehicle show with
an extensive swapmeet area.
We have the same excellent facilities that we have enjoyed during the past
meets held at the fairgrounds.
Along with our own swapmeet we will have radio operating activities &
presentations on military radio related subjects throughout the event.

Please visit our website at www.milradio.org for complete information.

Hope to see you there!!
73,
Steve Finelli N3NNG
navrad@enter.net

MRCA mailing list

MRCA@mailman.qth.net
<http://mailman.qth.net/mailman/listinfo/mrca>

Message-ID: <00ec01c48c3a\$b9603ba0\$6601a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Screen voltage for "linear amp"
Date: Fri, 27 Aug 2004 09:35:31 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> <http://homepage.tinet.ie/~ei9gq/amp.html>) for a tetrode
linear amp that
> derives its screen voltage by rectifying (with a voltage
doubler) the RF
> drive. Anybody have experience with this kind of circuit?
Seems like it
> might be okay for a CW amp, but I'd think the linearity
wouldn't be good
> enough for SSB. Is it an old technique that I've just
missed?

Hi Jim,

That and the G2-DAFfey have been around for a long time.
Neither one works as claimed.

I typically measured -18 to -23dB IM3 and -20 to -28dB IM5
in PA's using these and similar circuits using commercial
dB below one tone style measurements. They actually were
even worse with 3 tone tests that included syllabic
frequency variations.

On positive peaks the exciter is already heavily loaded by
grid-cathode conduction in the tube. This is a major
contributor to IM distortion in the PA. The general rule is
the driver is heavily swamped with a resistance and/or a
high-Q input circuit is used to smooth the input load
variations over the RF cycle.

The last thing anyone in their right mind would want to do
is load the RF drive on peaks and use that power to run
extra needless things like a few extra volts on a grid that
is already so far from the proper voltage for class AB
tetrode operation it mostly looks like a triode.

Another problem is phase shift. There always will be many RF cycles of delay while any capacitors charge. There is a large delay (in terms of RF cycles) when the capacitors discharge. Any grid potential derived from the RF input will always lag the actual RF rise and fall, and this slopes the envelope by increasing the rise side and decreasing the fall side time of the envelope.

The saving grace is in cathode driven PAs (like the G2DAFfy circuit), negative feedback is so high the resulting IM distortion is sometimes passable even if worse than a conventional circuit.

73 Tom

Message-ID: <412F3BB2.5040009@ix.netcom.com>
Date: Fri, 27 Aug 2004 08:48:34 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: milsurplus@mailman.qth.net, boatanchors <boatanchors@theporch.com>, Military Radio Collectors Association <mrca@mailman.qth.net>
Subject: Re: [Milsurplus] Military Radio Meet In Just 3 Weeks!!
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Can anyone tell me if there is a serious military vehicle meet in Texas?

To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 27 Aug 2004 09:27:16 -0500
Subject: Varieties of VTVM(ery)
Message-ID: <20040827.092812.-206907.3.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: Michael N Hopkins <mnhopkins@juno.com>

> nearly all of the kit VTVMs used essentially the same circuit.<

The RCA Voltohmist Junior come as a kit?

It's a push-puller arranged to obviate recalibration on changing bands.

Perhaps the apogee of VTVMery was the McMurdo Silver big dollar "Vomax" of 1948, and there seems to be a cult of a specific EICO for it's circuit, not the size of the meter. I think that one was the 221.

Michael, MNHopkins@JUNO.com, ab5L
Student of Tecraft, ICM and 6 Meter's Golden Age: 1956-58

To: Old Tube Radios <boatanchors@theporch.com>
Cc: w8ji@contesting.com
Date: Fri, 27 Aug 2004 12:08:10 -0400
Subject: Re: Screen voltage for "linear amp"
Message-ID: <20040827.120811.556.0.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: Edward Knobloch <k4pf@juno.com>

"Tom Rauch" <w8ji@contesting.com> wrote
<snip>
>The saving grace is in cathode driven PAs (like the G2DAFfy
>circuit), negative feedback is so high the resulting IM
>distortion is sometimes passable even if worse than a
>conventional circuit.

Actually, the G2DAF linear uses a passive grid circuit,
and is not cathode driven.

73,
Ed Knobloch

Message-ID: <014801c48c53\$b3121f20\$6601a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Screen voltage for "linear amp"
Date: Fri, 27 Aug 2004 12:34:18 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Actually, the G2DAF linear uses a passive grid circuit,
> and is not cathode driven.

You're right Ed! There is no saving grace in the G2DAF. It's just a poorly designed grid driven PA with poor IM performance. Some later versions of it did use cathode drive, and they had better IM performance, but they are not the original.

If you glance at the schematic for the EI station's version of the DAF, you see it charges a 10,000pF cap through a 470pF cap input doubler. The 470pF sets the charging rate of the .01 uF. With a 10,000/470 ratio it would take dozens of RF cycles to ramp up the .01 cap.

In the mean time he increased grid waveform loading on positive peaks by stepping voltage up through a 2:1 ratio transformer, and has no flywheel in the grid circuit.

This is why we should all be glad none of these circuits are popular. Many CB amplifiers are better designed.

73 Tom

Message-Id: <5.2.0.9.2.20040827123226.00bb1d18@mail.voyager.net>
Date: Fri, 27 Aug 2004 12:44:39 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Kim Herron <kherron@voyager.net>
Subject: Caps for sale
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Guys (and gals)!!

I bought some caps to redo a bunch of radios and I counted wrong and ended up with more than I need so I'll pass the extras on to you guys. These are Panasonic 630 volt mylar .047 mFD caps. The leads are about 1" long and the spec is +/- 10 percent. That same cap in Digikey is 90 cents for 1 piece and 64.85 for a bag of 100. 100 pieces in a bag (factory package) for \$15.00 shipped. They work excellent in place of Sprague Orange Drop caps and anywhere else you need a polypropylene cap. First guy here with the cash gets the caps.

Thanks!!

Kim Herron W8ZV
1-616-677-3706

Message-ID: <001b01c48c61\$7a6b8680\$414e9844@de114100>
From: "Ken Hickman" <n5cm@rtconline.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Rewinding info needed.
Date: Fri, 27 Aug 2004 13:12:56 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Marty & Gang,

I need both power supply chokes in my HQ-129-X rewind. I am at a loss as to where to turn for help. Can you do the job or do you know of someone preferably down here in the greater New Orleans or surrounding countryside where I might get the jobs done? I would appreciate hearing from any and all who have had rewindings done as to where and by whom.
Any help appreciated.
Take care,

Ken N5CM

Message-ID: <23bd01c48c65\$1514d990\$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Rewinding info needed.
Date: Fri, 27 Aug 2004 14:38:44 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken,

I've tried twice to send you a msg directly; & am asked to check into some website or some such, supposedly for your security. I won't click on it.

You can get to the other list just like this one exc.

hammarlund@mailman.qth.net

If you want more info, pse fix it so you can rcv email from me, and from others on the lists who try to reply to you.

73,

Al

sp600@hammarlund.info

----- Original Message -----

From: "Ken Hickman" <n5cm@rtconline.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Friday, August 27, 2004 2:12 PM

Subject: Rewinding info needed.

> Hi Marty & Gang,

>

> I need both power supply chokes in my HQ-129-X rewound. I am at a loss as to

> where to turn

> for help. Can you do the job or do you know of someone preferably down here

> in the greater

> New Orleans or surrounding countryside where I might get the jobs done?

> I would appreciate hearing from any and all who have had rewindings done as

> to where and by

> whom.

> Any help appreciated.

> Take care,

>

> Ken N5CM

>

>

>

>

Date: Fri, 27 Aug 2004 16:50:59 -0400 (EDT)

From: stuck in 50s <polepeeg@ba-watch.org>

Message-Id: <200408272050.i7RKox1k001264@fracas.netboobie.org>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Rewinding info needed.

Try Tom Hand II who, I think, is W4WDS (10 Dahlia Dr Demorest GA 30535)

There's a qrz-son Tom Hand III KB4UVW (2808 ADELLA CT SNELLVILLE GA 30278)

Ken I bet a couple of u-name-it hamfest 100ma beauts wud do fine as

would 10W output xfmrs where you used the primary only.

Regular xfmrs act like swinging choke & their inductance changes a lot w. load - tho in a rx load's constant

'Regular' chokes have a air gap to avoid the effect.

Marty

Message-ID: <241f01c48c7f\$4a3ccb90\$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Rewinding info needed.
Date: Fri, 27 Aug 2004 17:46:20 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Marty, et al,

Yes, Tom, W4WDS is the guy, fone no. 706 754 1303. at 110 Dahlia Dr. Delta Transformer, Inc. No email that I know of. Saw him sometime in the past yr, don't remember at which 'fest. He did some repair work for me abt 12 +- yrs ago, good job. Had some multi KW HV stuff at Shelby back then, I bought a 1kw HV xfmr he had built.

73,

Al, W8UT

(cu next wk)

----- Original Message -----

From: "stuck in 50s" <polepeeg@ba-watch.org>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Friday, August 27, 2004 4:50 PM
Subject: Re: Rewinding info needed.

> Try Tom Hand II who, I think, is W4WDS (10 Dahlia Dr Demorest GA 30535)
>

> There's a qrz-son Tom Hand III KB4UVW (2808 ADELLA CT SNELLVILLE GA 30278)
>

> Ken I bet a couple of u-name-it hamfest 100ma beauts wud do fine as
> would 10W output xfmrs where you used the primary only.

>

> Regular xfmrs act like swinging choke & their inductance changes
> a lot w. load - tho in a rx load's constant

>

> 'Regular' chokes have a air gap to avoid the effect.
>
> Marty
>
>

Message-ID: <412FDC01.9010908@webex.net>
Date: Fri, 27 Aug 2004 21:12:33 -0400
From: Al Klase <skywaves@webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Boatanchors] Hammarlund HQ-129-X
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Good idea Rod,

I have the Sam's:

Item	Total	DC	DC ohms	L	Stancor	Thordarson
108	.097A	270	16H C-1001	T-20C53		
109	.055A	900	35H C-1708	T-20C52		

That's higher inductance than I would have guessed. In this day and age, you could probably cheat and use smaller inductors and bigger filter caps.

Good luck,
Al

Rod Hogg wrote:

> Ken.
> Thought I could help but, as 129X manual does no good, only lists the
> part number, I went to SAMS and it is listed in Photofact Nr. 8,
> my collection starts at 9 however. Somebody out there should have
> a number 8, it is 8-18.
>
> Rod
> K0EQH
> Scott City KS
>
> -----
> Boatanchors mailing list
> Boatanchors@mailman.qth.net
> <http://mailman.qth.net/mailman/listinfo/boatanchors>
> ** List Administrator - Duane Fischer, W8DBF/W9WZE **
> ** For Assistance: dfischer@usol.com **

> \$\$ For vintage radio info, see the HCI web site \$\$
> <http://www.w9wze.org>
>
>
>

--
Al Klase - N3FRQ
skywaves@webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Grant Youngman" <nq5t@comcast.net>,
Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Boatanchors] Test Equipment Recommendation
Date: Sat, 28 Aug 2004 15:49:34 +0000
Message-Id:
<082820041549.24152.4130A98D0004D48100005E5821603763169A0E00CC0D99@att.net>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="NextPart_Webmail_9m3u9jl4l_24152_1093708174_0"

--NextPart_Webmail_9m3u9jl4l_24152_1093708174_0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Bill Pancake?

----- Original message from "Grant Youngman" : -----

> I'm on the same page. Either H-P 410B or C is a good meter IF the
> diode in the RF probe is good. I've seen a lot of them missing the RF
> probe altogether. I have one of each, but keep the 410B on the bench.
>
> The Heath VTVMs are good meters if they aren't beat up. And if it
> doesn't have a probe, they are easy to make. Not in the same class as
> the H-P, but good enough for most work if all you need to do is tune
> some slug for a peak RF reading.
>
> I have a V-7A, with RF probe, that I built in 1957-8 sometime. Still use it
> frequently. Certainly the most lasting "investment" I've ever made in a
> piece of test equipment :-)
>
> Grant/NQ5T

>
>
> > Bill,
> >
> > I think the most common are the HP 410B and 410C, but the AC
> probes
> > aren't too easy (or cheap) to find. You can also make a simple RF
> > probe (see an old Handbook) for use with the common Heath VTVMs
> > (IM-11, 18, etc.) Heath also had an RF probe kit which may not be too
> > difficult to find. There is also the Hickok 1605M which uses an AC
> > probe like the HP's. As a matter of fact, there is one on e-bay
> > now, complete with AC probe and RF line segment. (NOT mine, I just
> > did a quick search for VTVMs!):
> >
> >
> [http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=58276&item=3](http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=58276&item=3835482162&rd=1&ssPageName=WDVW)
> 835
> > 482162&rd=1&ssPageName=WDVW
> >
> > Good Luck
> >
> > 73,
> > Ron WA2EI0
> >
> > Bill Pancake wrote:
> >
> > >Would appreciate a recommendation as to make and model of a
> VTVM that
> > >will come with an rf probe that is suitable for using when working on
> > >boatanchor gear. I just need an idea of what to look for. Thanks,
> > >Bill, ab0zz@arrl.net
> > >
> > >
> > >-----
> > >Boatanchors mailing list
> > >Boatanchors@mailman.qth.net
> > ><http://mailman.qth.net/mailman/listinfo/boatanchors>
> > >** List Administrator - Duane Fischer, W8DBF/W9WZE **
> > >** For Assistance: dfischer@usol.com **
> > >\$\$ For vintage radio info, see the HCI web site \$\$
> > ><http://www.w9wze.org>
> > >
> > >
> > >
> > >
> >
> >
> >-----

> > Boatanchors mailing list
> > Boatanchors@mailman.qth.net
> > <http://mailman.qth.net/mailman/listinfo/boatanchors>
> > ** List Administrator - Duane Fischer, W8DBF/W9WZE **
> > ** For Assistance: dfischer@usol.com **
> > \$\$ For vintage radio info, see the HCI web site \$\$
> > <http://www.w9wze.org>
> >

>

>

>

> -----

> Grant Youngman /NQ5T
> <http://www.globeking.com>
> nq5t@comcast.net < == NEW
>

--NextPart_Webmail_9m3u9jl4l_24152_1093708174_0

Content-Type: text/html

Content-Transfer-Encoding: 8bit

<html>

<!-- BEGIN WEBMAIL STATIONERY -->

<head><style type='text/css'>

p {

margin: 0px;

}

</style></head>

<body>

<!-- WEBMAIL STATIONERY noneset -->

Bill Pancake?

<BLOCKQUOTE style="PADDING-LEFT: 5px; MARGIN-LEFT: 5px; BORDER-LEFT: #1010ff 2px solid">----- Original message from "Grant Youngman" <NQ5T@COMCAST.NET>:

> I'm on the same page. Either H-P 410B or C is a good meter IF the
> diode in the RF probe is good. I've seen a lot of them missing the RF
> probe altogether. I have one of each, but keep the 410B on the bench.
>
> The Heath VTVMs are good meters if they aren't beat up. And if it
> doesn't have a probe, they are easy to make. Not in the same class as
> the H-P, but good enough for most work if all you need to do is tune
> some slug for a peak RF reading.
>
> I have a V-7A, with RF probe, that I built in 1957-8 sometime. Still use it
> frequently. Certainly the most lasting "investment" I've ever made in a
> piece of test equipment :-)
>
> Grant/NQ5T
>
> > Bill,
> >
> > I think the most common are the HP 410B and 410C, but the AC
> probes
> > aren't too easy (or cheap) to find. You can also make a simple RF
> > probe (see an old Handbook) for use with the common Heath VTVMs
> > (IM-11, 18, etc.) Heath also had an RF probe kit which may not be too
> > difficult to find. There is also the Hickok 1605M which uses an AC
> > probe like the HP's. As a

matter of fact, there is one on e-bay
> now, complete with AC probe and RF line segment. (NOT mine, I just
> did a quick search for VTVMs!):
>
>
> http://cgi.ebay.com/ws/ eBayISAPI.dll?ViewItem&category=58276&item=3
> 835
> > 482162&rd=1&ssPageName=WDVW
> >
> > Good Luck
> >
> > 73,
> > Ron WA2EIO
> >
> > Bill Pancake wrote:
> >
> > >Would appreciate a recommendation as to make and model of a
> VTVM that
>

> >will come with an rf probe that is suitable for using when working on
> > >boatanchor gear. I just need an idea of what to look for. Thanks,
> > >Bill, ab0zz@arrl.net
> > >
> > >
> > >_____
> > >Boatanchors mailing list
> > >Boatanchors@mailman.qth.net
> > >http://mailman.qth.net/mailman/listinfo/boatanchors
> > >** List Administrator - Duane Fischer, W8DBF/W9WZE **
> > >** For Assistance: dfischer@usol.com **
> > >\$\$ For vintage radio info, see the HCI web site \$\$
> > >http://www.w9wze.org
> > >
> > >
> > >
> > >
> > >
> > >
> > > _____
> > > Boatanchors mailing list
> > > Boatanchors@mailman.qth.net
> > > http://mailman.qth.net/mailman/listinfo/boatanchors
> > > ** List Administrator - Duane Fischer, W8DBF/W9WZE **
> > > ** For Assistance: dfischer@usol.com **
> > > \$\$ For vintage radio info, see the HCI web site \$\$
> > > http://www.w9wze.org
> > >
> > >
> > > _____
> > Grant Youngman /NQ5T
> > http://www.globeking.com
> > nq5t@comcast.net < == NEW
> </BLOCKQUOTE>
<!-- END WEBMAIL STATIONERY -->

</body>
</html>

--NextPart_Webmail_9m3u9jl4l_24152_1093708174_0--

Message-Id: <200408281815.i7SIF0n6004485@osr506.nanniangandjack.com>
From: listtown@nanniangandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Posting Admin Requests
Date: Sat, 28 Aug 2004 11:15:00 -0700 (PDT)

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming

to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@nanniandjack.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is *especially* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE *especially* not from the list, which is delivered as "Bulk!"

PLEASE treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@nanniandjack.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Sat Aug 28 11:15:00 PDT 2004

Message-ID: <20040828210735.8014.qmail@web81003.mail.yahoo.com>

Date: Sat, 28 Aug 2004 14:07:35 -0700 (PDT)

From: Jim Allen <imaham@sbcglobal.net>

Subject: Pots Needed

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative; boundary="0-2077791941-1093727255=:7870"

--0-2077791941-1093727255=:7870

Content-Type: text/plain; charset=us-ascii

Hello,

I am in need of the following pots:

1. A dual 1K /section pot with concentric shafts (you can control each pot with it's own shaft - one control shaft is inside the other one).
2. A dual 2K/section wirewound pot with the standard 1/4" shaft.

Thanks much,

Jim

--0-2077791941-1093727255=:7870

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--0-2077791941-1093727255=:7870--

Message-Id: <6.1.2.0.0.20040828161318.01a60c18@pop.earthlink.net>

Date: Sat, 28 Aug 2004 16:14:30 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: "Benjamin D. Hall" <kd5byb@earthlink.net>

Subject: Re: silver tarnish

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Greetings all,

Thanks for all the good suggestions, both on-list and off-list, about silver tarnish. Turns out that the tarnish is conductive, so that there really is no need to clean it off, save for aesthetics.

While the ones I polished look real nice, I won't be spending time doing any more of them...

thanks,
ben

From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
Northern Alabama, USA.

End of BOATANCHORS Digest 3698
